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PASSWORD :

TERMINAL (ENTER 1, 2, 3, OR ?):2

Enter NEWS followed by the item number or name to see news on that specific topic.

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- The IFI Comprehensive Database from 1950-present
- The IFI Patent Database from 1950-present
- The IFI Uniterm Database from 1950-present

* The files listed above are temporarily unavailable.

FILE 'HOME' ENTERED AT 12:28:14 ON 10 JAN 2006

FILE 'REGISTRY' ENTERED AT 12:28:22 ON 10 JAN 2006
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Property values tagged with IC are from the ZIC/VINITI data file provided by InfoChem.

STRUCTURE FILE UPDATES: 9 JAN 2006 HIGHEST RN 871542-42-6
DICTIONARY FILE UPDATES: 9 JAN 2006 HIGHEST RN 871542-42-6

New CAS Information Use Policies. Enter HELP USAGETERMS for details.

TSCA INFORMATION NOW CURRENT THROUGH JULY 14, 2005

Please note that search-term pricing does apply when conducting SmartSELECT searches.

*

Structure search iteration limits have been increased. See HELP SLIMITS for details.

REGISTRY includes numerically searchable data for experimental and predicted properties as well as tags indicating availability of experimental property data in the original document. For information on property searching in REGISTRY, refer to:

<http://www.cas.org/ONLINE/JG/regprops.html>

```
=> s lactate
      3817 LACTATE
      55 LACTATES
L1      3817 LACTATE
                  (LACTATE OR LACTATES)
```

⇒ s-isopropyl lactate

103362 ISOPROPYL
2 ISOPROPYLS
103362 ISOPROPYL
(ISOPROPYL OR ISOPROPYLS)
3817 LACTATE
55 LACTATES
3817 LACTATE
(LACTATE OR LACTATES)
L2 10 ISOPROPYL LACTATE
(ISOPROPYL (W) LACTATE)

=> d 10

L2 ANSWER 10 OF 10 REGISTRY COPYRIGHT 2006 ACS on STN
RN 617-51-6 REGISTRY
ED Entered STN: 16 Nov 1984
CN Propanoic acid, 2-hydroxy-, 1-methylethyl ester (9CI) (CA INDEX NAME)
OTHER CA INDEX NAMES:
CN Lactic acid, isopropyl ester (6CI, 7CI, 8CI)
OTHER NAMES:
CN (±)-Isopropyl lactate
CN DL-Isopropyl lactate
CN Isopropyl DL-lactate
CN Isopropyl lactate
CN Purasolv IPL
FS 3D CONCORD
DR 73523-03-2
MF C6 H12 O3
CI COM
LC STN Files: ANABSTR, AQUIRE, BEILSTEIN*, BIOSIS, CA, CAOLD, CAPLUS,
CASREACT, CHEMCATS, CHEMLIST, DETHERM*, IFICDB, IFIPAT, IFIUDB,
MSDS-OHS, RTECS*, TOXCENTER, USPAT2, USPATFULL
(*File contains numerically searchable property data)
Other Sources: EINECS**, TSCA**
(**Enter CHEMLIST File for up-to-date regulatory information)

/ Structure 1 in file .gra /

PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

115 REFERENCES IN FILE CA (1907 TO DATE)
115 REFERENCES IN FILE CAPLUS (1907 TO DATE)
5 REFERENCES IN FILE CAOLD (PRIOR TO 1967)

=> d 9

L2 ANSWER 9 OF 10 REGISTRY COPYRIGHT 2006 ACS on STN
RN 4055-09-8 REGISTRY
ED Entered STN: 16 Nov 1984
CN Cyclohexanecarboxylic acid, ester with isopropyl lactate (7CI,
8CI) (CA INDEX NAME)
OTHER CA INDEX NAMES:
CN Lactic acid, isopropyl ester, cyclohexanecarboxylate
OTHER NAMES:
CN NSC 116443
FS 3D CONCORD
MF C13 H22 O4
LC STN Files: BEILSTEIN*, CA, CAOLD, CAPLUS
(*File contains numerically searchable property data)

/ Structure 2 in file .gra /

PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)
1 REFERENCES IN FILE CAOLD (PRIOR TO 1967)

=> s methyllactate
L3 28 METHYLLACTATE

=> d 28

L3 ANSWER 28 OF 28 REGISTRY COPYRIGHT 2006 ACS on STN
RN 80-55-7 REGISTRY
ED Entered STN: 16 Nov 1984
CN Propanoic acid, 2-hydroxy-2-methyl-, ethyl ester (9CI) (CA INDEX NAME)
OTHER CA INDEX NAMES:
CN Lactic acid, 2-methyl-, ethyl ester (6CI, 7CI, 8CI)
OTHER NAMES:
CN 2-Hydroxy-2-methylpropanoic acid ethyl ester
CN Ethyl α -hydroxyisobutyrate
CN Ethyl 2-hydroxy-2-methylpropanoate
CN Ethyl 2-hydroxy-2-methylpropionate
CN Ethyl 2-hydroxyisobutyrate
CN Ethyl 2-methyl-2-hydroxypropanoate
CN Ethyl 2-methyllactate
CN NSC 4667
FS 3D CONCORD
MF C6 H12 O3
CI COM
LC STN Files: BEILSTEIN*, CA, CAOLD, CAPLUS, CASREACT, CHEMCATS, CHEMLIST,
CSCHEM, DETHERM*, IFICDB, IFIPAT, IFIUDB, PS, RTECS*, SPECINFO,
SYNTHLINE, TOXCENTER, USPAT2, USPATFULL
(*File contains numerically searchable property data)
Other Sources: EINECS**
(**Enter CHEMLIST File for up-to-date regulatory information)

/ Structure 3 in file .gra /

PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

163 REFERENCES IN FILE CA (1907 TO DATE)
163 REFERENCES IN FILE CAPLUS (1907 TO DATE)
5 REFERENCES IN FILE CAOLD (PRIOR TO 1967)

=> methyl lactate

METHYL IS NOT A RECOGNIZED COMMAND

The previous command name entered was not recognized by the system.
For a list of commands available to you in the current file, enter
"HELP COMMANDS" at an arrow prompt (=>).

=> s methyl lactate
15921698 METHYL
95 METHYLS
15921698 METHYL
(METHYL OR METHYLS)
3817 LACTATE
55 LACTATES
3817 LACTATE
(LACTATE OR LACTATES)

L4

96 METHYL LACTATE
(METHYL (W) LACTATE)

=> d 96

L4 ANSWER 96 OF 96 REGISTRY COPYRIGHT 2006 ACS on STN
RN 69-43-2 REGISTRY
ED Entered STN: 16 Nov 1984
CN Propanoic acid, 2-hydroxy-, compd. with N-(1-methyl-2-phenylethyl)- γ -phenylbenzenepropanamine (1:1) (9CI) (CA INDEX NAME)
OTHER CA INDEX NAMES:
CN Benzenepropanamine, N-(1-methyl-2-phenylethyl)- γ -phenyl-, 2-hydroxypropanoate (9CI)
CN Lactic acid, compd. with N-(3,3-diphenylpropyl)- α -methylphenethylamine (7CI)
CN Lactic acid, compd. with N-(3,3-diphenylpropyl)- α -methylphenethylamine (1:1) (8CI)
CN Lactic acid, salt with N-(3,3-diphenylpropyl)- α -methylphenethylamine (6CI)
CN Phenethylamine, N-(3,3-diphenylpropyl)- α -methyl-, lactate (8CI)
OTHER NAMES:
CN Agozol
CN Angormin
CN Bismetin
CN Carditin-Same
CN Coredamin
CN Corontin
CN Crepasin
CN Daxauten
CN Difril
CN dl-Prenylamine lactate
CN Hostaginan
CN Incoran
CN Irrorin
CN Lactamin
CN N-(3,3-Diphenylpropyl)- α -methylphenethylamine lactate
CN Plactamin
CN Prenylamine lactate
CN Reocorin
CN Roinin
CN Seccidin
CN Sedolaton
CN Synadrin
DR 20612-24-2, 2519-71-3, 42948-03-8
MF C24 H27 N . C3 H6 O3
CI COM
LC STN Files: ANABSTR, BEILSTEIN*, BIOSIS, CA, CAOLD, CAPLUS, CHEMCATS, CHEMLIST, CIN, EMBASE, IPA, MEDLINE, MRCK*, NIOSHTIC, PROMT, PS, RTECS*, TOXCENTER, USAN, USPATFULL
(*File contains numerically searchable property data)
Other Sources: EINECS**
(**Enter CHEMLIST File for up-to-date regulatory information)

CM 1

CRN 390-64-7
CMF C24 H27 N

/ Structure 4 in file .gra /

CM 2

CRN 50-21-5
CMF C3 H6 O3

/ Structure 5 in file .gra /

PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

112 REFERENCES IN FILE CA (1907 TO DATE)
113 REFERENCES IN FILE CAPLUS (1907 TO DATE)
9 REFERENCES IN FILE CAOLD (PRIOR TO 1967)

=> s methyl lactate/cn
L5 1 METHYL LACTATE/CN

=> d

L5 ANSWER 1 OF 1 REGISTRY COPYRIGHT 2006 ACS on STN
RN 547-64-8 REGISTRY
ED Entered STN: 16 Nov 1984
CN Propanoic acid, 2-hydroxy-, methyl ester (9CI) (CA INDEX NAME)
OTHER CA INDEX NAMES:
CN Lactic acid, methyl ester (7CI, 8CI)
OTHER NAMES:
CN (±)-Methyl 2-hydroxypropanoate
CN (±)-Methyl 2-hydroxypropionate
CN (±)-Methyl lactate
CN DL-Methyl lactate
CN Methyl α-hydroxypropionate
CN Methyl 2-hydroxypropanoate
CN Methyl 2-hydroxypropionate
CN Methyl lactate
CN NSC 406248
FS 3D CONCORD
DR 2155-30-8
MF C4 H8 O3
CI COM
LC STN Files: ANABSTR, AQUIRE, BEILSTEIN*, BIOSIS, CA, CAOLD, CAPLUS, CASREACT, CBNB, CHEMCATS, CHEMINFORMRX, CHEMLIST, CIN, CSCHEM, DETHERM*, DIPPR*, GMELIN*, HSDB*, IFICDB, IFIPAT, IFIUDB, MEDLINE, MRCK*, MSDS-OHS, PDLCOM*, PIRA, PROMT, RTECS*, SPECINFO, TOXCENTER, TULSA, USPAT2, USPATFULL
(*File contains numerically searchable property data)
Other Sources: DSL**, EINECS**, TSCA**
(**Enter CHEMLIST File for up-to-date regulatory information)

/ Structure 6 in file .gra /

PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

703 REFERENCES IN FILE CA (1907 TO DATE)
7 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA
704 REFERENCES IN FILE CAPLUS (1907 TO DATE)
12 REFERENCES IN FILE CAOLD (PRIOR TO 1967)

=> s propyl lactate/cn
L6 1 PROPYL LACTATE/CN

=> d

L6 ANSWER 1 OF 1 REGISTRY COPYRIGHT 2006 ACS on STN
RN 616-09-1 REGISTRY
ED Entered STN: 16 Nov 1984
CN Propanoic acid, 2-hydroxy-, propyl ester (9CI) (CA INDEX NAME)
OTHER CA INDEX NAMES:
CN Lactic acid, propyl ester (6CI, 8CI)
OTHER NAMES:
CN (±)-n-Propyl lactate
CN n-Propyl lactate
CN Propyl 2-hydroxypropanoate
CN Propyl lactate
FS 3D CONCORD
DR 129171-92-2
MF C6 H12 O3
CI COM
LC STN Files: AGRICOLA, ANABSTR, AQUIRE, BEILSTEIN*, BIOSIS, CA, CAOLD,
CAPLUS, CASREACT, CBNB, CHEMCATS, CHEMLIST, CIN, CSCHEM, DETHERM*,
IFICDB, IFIUDB, SYNTHLINE, TOXCENTER, USPATFULL
(*File contains numerically searchable property data)
Other Sources: DSL**, EINECS**, TSCA**
(**Enter CHEMLIST File for up-to-date regulatory information)

/ Structure 7 in file .gra /

PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

76 REFERENCES IN FILE CA (1907 TO DATE)
76 REFERENCES IN FILE CAPLUS (1907 TO DATE)
1 REFERENCES IN FILE CAOLD (PRIOR TO 1967)

=> s ethyl lactate/cn
L7 1 ETHYL LACTATE/CN

=> d

L7 ANSWER 1 OF 1 REGISTRY COPYRIGHT 2006 ACS on STN
RN 97-64-3 REGISTRY
ED Entered STN: 16 Nov 1984
CN Propanoic acid, 2-hydroxy-, ethyl ester (9CI) (CA INDEX NAME)
OTHER CA INDEX NAMES:
CN Lactic acid, ethyl ester (6CI, 8CI)
OTHER NAMES:
CN (±)-Ethyl 2-hydroxypropionate
CN (±)-Ethyl lactate
CN (±)-Lactic acid ethyl ester
CN 2-Hydroxypropanoic acid ethyl ester
CN Actylol
CN Acytol
CN DL-Ethyl lactate
CN dl-Lactic acid ethyl ester
CN Ethyl α-hydroxypropionate
CN Ethyl 2-hydroxypropanoate
CN Ethyl 2-hydroxypropionate
CN Ethyl lactate
CN Ethyl rac-lactate
CN NSC 8850
CN PBR 40
CN Purasolv ELS
CN Solactol
CN Vertec ELS

FS 3D CONCORD
DR 2676-33-7
MF C5 H10 O3
CI COM
LC STN Files: AGRICOLA, ANABSTR, AQUIRE, BEILSTEIN*, BIOSIS, BIOTECHNO, CA, CAOLD, CAPLUS, CASREACT, CBNB, CHEMCATS, CHEMINFORMRX, CHEMLIST, CHEMSAFE, CIN, CSCHEM, CSNB, DDFU, DETHERM*, DIPPR*, DRUGU, EMBASE, GMELIN*, HSDB*, IFICDB, IFIPAT, IFIUDB, MEDLINE, MRCK*, MSDS-OHS, NAPRALERT, PDLCOM*, PIRA, PROMT, RTECS*, SPECINFO, SYNTHLINE, TOXCENTER, USPAT2, USPATFULL, VETU
(*File contains numerically searchable property data)
Other Sources: DSL**, EINECS**, TSCA**
(**Enter CHEMLIST File for up-to-date regulatory information)

/ Structure 8 in file .gra /

PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

2644 REFERENCES IN FILE CA (1907 TO DATE)
36 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA
2654 REFERENCES IN FILE CAPLUS (1907 TO DATE)
49 REFERENCES IN FILE CAOLD (PRIOR TO 1967)

=> 617-51-6

617-51-6 IS NOT A RECOGNIZED COMMAND

The previous command name entered was not recognized by the system.
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"HELP COMMANDS" at an arrow prompt (=>).

=> s 617-51-6

L8 1 617-51-6
(617-51-6/RN)

=> d hist

(FILE 'HOME' ENTERED AT 12:28:14 ON 10 JAN 2006)

FILE 'REGISTRY' ENTERED AT 12:28:22 ON 10 JAN 2006

L1 3817 S LACTATE
L2 10 S ISOPROPYL LACTATE
L3 28 S METHYLLACTATE
L4 96 S METHYL LACTATE
L5 1 S METHYL LACTATE/CN
L6 1 S PROPYL LACTATE/CN
L7 1 S ETHYL LACTATE/CN
L8 1 S 617-51-6

=> file caplus medline embase fsta
COST IN U.S. DOLLARS

| | SINCE FILE ENTRY | TOTAL SESSION |
|---------------------|---------------------|------------------|
| FULL ESTIMATED COST | 60.98 | 61.19 |

FILE 'CAPLUS' ENTERED AT 12:35:11 ON 10 JAN 2006
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FILE 'FSTA' ENTERED AT 12:35:11 ON 10 JAN 2006
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=> s 15 or 16 or 17 or 18
L9 3223 L5 OR L6 OR L7 OR L8

=> s 19 and vitamins
L10 26 L9 AND VITAMINS

=> duplicate remove 110
PROCESSING COMPLETED FOR L10
L11 26 DUPLICATE REMOVE L10 (0 DUPLICATES REMOVED)

=> d ibib abs 1-26

L11 ANSWER 1 OF 26 CAPLUS COPYRIGHT 2006 ACS on STN
ACCESSION NUMBER: 2005:641629 CAPLUS
DOCUMENT NUMBER: 143:139220
TITLE: Dispersible concentrate lipospheres for delivery of active agents
INVENTOR(S): Domb, Abraham J.
PATENT ASSIGNEE(S): Yissum Research Development Company of the Hebrew University of Jerusalem, Israel
SOURCE: U.S. Pat. Appl. Publ., 11 pp.
CODEN: USXXCO
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

| PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|------------------------|------|----------|-----------------|------------|
| US 2005158389 | A1 | 20050721 | US 2004-965551 | 20041014 |
| PRIORITY APPLN. INFO.: | | | US 2003-510547P | P 20031014 |

AB A formulation containing one or more lipophilic agents, methods of making and using the formulation are described herein. The formulation is formed by adding a pre-suspension concentrate composition to an aqueous medium. Upon contact with the aqueous medium, a solid nanoparticle suspension spontaneously forms. The resulting formulation is in the form of a microemulsion. The concentrate contains an amphiphilic solvent, a pharmaceutically acceptable solid carrier such as a solid fatty acid or ester, a surfactant, and an agent. Preferably the concentrate contains a combination of a surfactant with a high hydrophilic/lipophilic balance (HLB) of at least about 8 and a surfactant with a low HLB of less than about 5. The agent is preferably a lipophilic drug and other lipophilic ingredient, such as vitamins. The composition is suitable for use in medical and non-medical applications. The microemulsions described herein have increased stability was compared to the prior art. Paclitaxel lipospheres were prepared containing paclitaxel 1,

Et stearate 5, tween-80 16.86, Pl-(Centrolex-F) 1mg, Et lactate 80 μ L, and N-methylpyrrolidone 20 μ L. The mean particle radius of the lipospheres were 20.4 nm.

L11 ANSWER 2 OF 26 CAPLUS COPYRIGHT 2006 ACS on STN
ACCESSION NUMBER: 2004:333599 CAPLUS
DOCUMENT NUMBER: 140:344880
TITLE: Photokinetic delivery of biologically active substances using pulsed incoherent light
INVENTOR(S): Kraft, Edward R.; Kulp, Gabriela
PATENT ASSIGNEE(S): Photokinetic Inc., USA
SOURCE: PCT Int. Appl., 88 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

| PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|---|------|----------|-----------------|------------|
| WO 2004032963 | A2 | 20040422 | WO 2003-US31532 | 20031003 |
| WO 2004032963 | A3 | 20041216 | | |
| WO 2004032963 | C2 | 20050428 | | |
| W: AE, AG, AL, AM, AT, AU, AZ, CO, CR, CU, CZ, DE, DK, DM, GH, GM, HR, HU, ID, IL, IN, LR, LS, LT, LU, LV, MA, MD, OM, PG, PH, PL, PT, RO, RU, TN, TR, TT, TZ, UA, UG, UZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, DZ, EC, EE, EG, ES, FI, GB, GD, GE, IS, JP, KE, KG, KP, KR, KZ, LC, LK, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, SC, SD, SE, SG, SK, SL, SY, TJ, TM, VC, VN, YU, ZA, ZM, ZW, RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG, CA 2500713 | AA | 20040422 | CA 2003-2500713 | 20031003 |
| US 2004131687 | A1 | 20040708 | US 2003-679112 | 20031003 |
| EP 1556061 | A2 | 20050727 | EP 2003-774568 | 20031003 |
| R: AT, BE, CH, DE, DK, ES, FR, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, SK | | | US 2002-416361P | P 20021004 |
| PRIORITY APPLN. INFO.: | | | US 2003-479501P | P 20030617 |
| | | | WO 2003-US31532 | W 20031003 |

AB The invention relates generally to transdermal and transmembrane delivery of biol. active substances through the skin, sub-dermal tissues, blood vessels and cellular membranes without causing damage to the cellular membrane surface, tissue or membrane. The invention provides compns. and methods for enhanced transdermal and transmembrane delivery of biol. active substances using pulsed incoherent light. The invention further provides a device for the application of the pulsed incoherent light to cellular surfaces and membranes using those compns. and methods. The effect of 2% TiO₂ and pulsed rate on the permeation of vitamins at 350 nm was studied. Addition of 2% TiO₂ increased the permeability of vitamin C and its derivs. when pulsed incoherent light was used.

L11 ANSWER 3 OF 26 CAPLUS COPYRIGHT 2006 ACS on STN

ACCESSION NUMBER: 2004:433684 CAPLUS

DOCUMENT NUMBER: 140:429037

TITLE: High viscosity liquid controlled drug delivery system and medical or surgical device

INVENTOR(S): Gibson, John W.; Miller, Stacey S.; Middleton, John C.; Tipton, Arthur J.

PATENT ASSIGNEE(S): USA

SOURCE: U.S. Pat. Appl. Publ., 27 pp., Cont.-in-part of U.S. Ser. No. 699,002.

CODEN: USXXCO

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 5

PATENT INFORMATION:

| PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|--|------|----------|-----------------|----------|
| US 2004101557 | A1 | 20040527 | US 2002-316441 | 20021210 |
| US 5747058 | A | 19980505 | US 1995-474337 | 19950607 |
| EP 1525858 | A1 | 20050427 | EP 2005-75143 | 19960607 |
| R: AT, BE, CH, DE, DK, ES, FR, IE, FI | | | US 1999-385107 | 19990827 |
| US 6413536 | B1 | 20020702 | WO 2003-US39311 | 20031210 |
| WO 2004052336 | A2 | 20040624 | | |
| W: AE, AG, AL, AM, AT, AU, AZ, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, | | | | |

GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK,
 LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ,
 OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM,
 TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW
 RW: BW, GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ,
 BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE,
 ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK,
 TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG

PRIORITY APPLN. INFO.:

| | |
|----------------|-------------|
| US 1995-474337 | A2 19950607 |
| US 1995-478450 | B2 19950607 |
| US 1997-944022 | A2 19970915 |
| US 1999-385107 | A3 19990827 |
| US 2000-699002 | A2 20001026 |
| EP 1996-921521 | A3 19960607 |
| US 2002-316441 | A 20021210 |

AB The present invention relates to novel nonpolymeric compds. and compns. that form liquid, high viscosity materials suitable for the delivery of biol. active substances in a controlled fashion, and for use as medical or surgical devices. The materials can optionally be diluted with a solvent to form a material of lower viscosity, rendering the material easy to administer. This solvent may be water insol. or water soluble, where the water soluble solvent rapidly diffuses or migrates away from the material in vivo, leaving a higher viscosity liquid material. 1,6-Hexanediol lactate ϵ -hydroxycaproic acid produced in was dissolved in N-methylpyrrolidone at a weight ratio of 70:30. Bupivacaine base (10%) was then added to this mixture. Drops weighing approx. 100 mg were precipitated into 40 mL buffer. At 4 h, around 4.1 weight% of the bupivacaine contained in the precipitated drop had been released. At 24 h, around 8.6 weight% of the bupivacaine had been released.

L11 ANSWER 4 OF 26 CAPLUS COPYRIGHT 2006 ACS on STN

ACCESSION NUMBER: 2004:549507 CAPLUS
 DOCUMENT NUMBER: 141:94398
 TITLE: Injectable gel solutions based on crosslinked and linear polymers for vascular implants
 INVENTOR(S): Laurent, Alexandre; Labarre, Denis; Labsky, Jiri; Honiger, Jiri; Chapot, Rene; Wassef, Michel; Seron, Aymeric
 PATENT ASSIGNEE(S): Assistance Publique Hopitaux De Paris, Fr.
 SOURCE: Fr. Demande, 33 pp.
 CODEN: FRXXBL
 DOCUMENT TYPE: Patent
 LANGUAGE: French
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

| PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|---|------|----------|-----------------|----------|
| FR 2849602 | A1 | 20040709 | FR 2003-67 | 20030106 |
| WO 2004069294 | A1 | 20040819 | WO 2004-FR3 | 20040105 |
| W: AE, AE, AG, AL, AL, AM, AM, AM, AT, AT, AU, AZ, AZ, BA, BB, BG, BG, BR, BR, BW, BY, BY, BZ, BZ, CA, CH, CN, CN, CO, CO, CR, CR, CU, CU, CZ, CZ, DE, DE, DK, DK, DM, DZ, EC, EC, EE, EE, EG, ES, ES, FI, FI, GB, GD, GE, GE, GH, GM, HR, HR, HU, HU, ID, IL, IN, IS, JP, JP, KE, KE, KG, KG, KP, KP, KP, KR, KR, KZ, KZ, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MD, MG, MK, MN, MW, MX, MX, MZ, MZ, NA, NI | | | | |
| RW: BW, GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG | | | | |
| EP 1581274 | A1 | 20051005 | EP 2004-700134 | 20040105 |

R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT,
IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, SK
PRIORITY APPLN. INFO.: FR 2003-67 A 20030106
WO 2004-FR3 W 20040105

AB A gelling injectable soln contains an association of linear polymers and crosslinked polymers for the filling of conduits. Thus, polymers were prepared from 50% HEMA and 50% Trisacryl and after removing the solvents, particles were obtained which were dried.

REFERENCE COUNT: 5 THERE ARE 5 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L11 ANSWER 5 OF 26 CAPLUS COPYRIGHT 2006 ACS on STN

ACCESSION NUMBER: 2003:590714 CAPLUS

DOCUMENT NUMBER: 139:148557

TITLE: Protease catalyzed enantioselective oligomerization of α -hydroxy carboxylic acids and α -amino acids

INVENTOR(S): Lorbert, Stephen J.; Schasteen, Charles S.; Nam, Paul K.S.; Forciniti, Daniel; Rajesh, Mathur P.; Kapila, Shubhender

PATENT ASSIGNEE(S): Novus International, Inc., USA

SOURCE: U.S. Pat. Appl. Publ., 103 pp., Cont.-in-part of U.S. Ser. No. 699,946.

CODEN: USXXCO

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 3

PATENT INFORMATION:

| PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|------------------------|------|----------|-----------------|-------------|
| US 2003143661 | A1 | 20030731 | US 2002-136974 | 20020502 |
| US 6939693 | B2 | 20050906 | | |
| US 6605590 | B1 | 20030812 | US 2000-699946 | 20001030 |
| US 2004048347 | A1 | 20040311 | US 2003-609825 | 20030630 |
| PRIORITY APPLN. INFO.: | | | US 1999-162725P | P 19991029 |
| | | | US 2000-699946 | A2 20001030 |
| | | | US 2001-288196P | P 20010502 |

OTHER SOURCE(S): MARPAT 139:148557

AB An enzymic synthesis and composition of oligomers and co-oligomers comprised of α -hydroxy carboxylic acids and α -amino acids or peptides is disclosed. In a preferred embodiment, a α -hydroxy carboxylic acid with a specific chiral configuration is linked by an amide linkage to a α -amino acid specific with a specific chiral configuration or linked by an amide linkage to a peptide made up of α -amino acid monomers having identical chiral configurations. Proteolytic enzymes catalyze oligomerization of the α -hydroxy carboxylic acid and α -amino acid. The degree and distribution of oligomerization varies upon the type and concns. of different reaction mixts. utilized and upon the length of allowed reaction time. The resultant oligomers may be provided to animals such as ruminants as bioavailable amino acid supplements that are resistant to degradation in the rumen and other animals such as swine, poultry and aquatic animals.

L11 ANSWER 6 OF 26 CAPLUS COPYRIGHT 2006 ACS on STN

ACCESSION NUMBER: 2003:376390 CAPLUS

DOCUMENT NUMBER: 138:374186

TITLE: Non-combustible water-dispersible vitamin compositions
INVENTOR(S): Crepeau, Michel Andre

PATENT ASSIGNEE(S): USA

SOURCE: U.S. Pat. Appl. Publ., 7 pp.

CODEN: USXXCO

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

| PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|---------------|------|----------|-----------------|----------|
| US 2003092688 | A1 | 20030515 | US 2001-921947 | 20010803 |
| CA 2393189 | AA | 20030203 | CA 2002-2393189 | 20020712 |

PRIORITY APPLN. INFO.:

AB A water-dispersible and substantially non-combustible liquid vitamin composition

comprising one or more of vitamins A, D3 and E, or a precursor thereof, and an emulsifier, an alkyl lactate and water. Thus, a formulation contained water 6.00, potassium sorbate 0.10, propylene glycol 3.00, Bu lactate 5.00, Alkamuls PSMO-20 11.40, Alkamuls 400-MO 20.00, and dl- α -tocopheryl acetate 54.50%.

L11 ANSWER 7 OF 26 CAPLUS COPYRIGHT 2006 ACS on STN

ACCESSION NUMBER: 2003:319454 CAPLUS
 DOCUMENT NUMBER: 138:309340
 TITLE: Concentrated water-dispersible vitamin compositions
 INVENTOR(S): Crepeau, Michel Andre
 PATENT ASSIGNEE(S): USA
 SOURCE: U.S. Pat. Appl. Publ., 5 pp.
 CODEN: USXXCO
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

| PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|---------------|------|----------|-----------------|----------|
| US 2003078243 | A1 | 20030424 | US 2001-920365 | 20010803 |
| CA 2393357 | AA | 20030203 | CA 2002-2393357 | 20020715 |

PRIORITY APPLN. INFO.:

AB A water-dispersible vitamin composition containing vitamins A, D3 or E, or a precursor thereof, an alkyl lactate and an emulsifier and is substantially free of water. A composition contained retinyl propionate 79% in canola oil 48.95, Polysorbate-80 6.10, PEG-400 33.95, ethoxyquin 3.00, Et lactate 5.00, and propanol 3.00% by weight

L11 ANSWER 8 OF 26 CAPLUS COPYRIGHT 2006 ACS on STN

ACCESSION NUMBER: 2004:577372 CAPLUS
 DOCUMENT NUMBER: 142:238927
 TITLE: Studies of lotus root vinegar
 AUTHOR(S): Shi, Anhui; Zhou, Bo; Wang, Chuanhu
 CORPORATE SOURCE: State Key Lab of Microbial Technology, Shandong University, Jinan, 250100, Peop. Rep. China
 SOURCE: Zhongguo Tiaoweipin (2003), (2), 22-24, 47
 CODEN: ZHTIE7; ISSN: 1000-9973
 PUBLISHER: Quanguo Tiaoweipin Keji Qingbao Zhongxinzhan
 DOCUMENT TYPE: Journal
 LANGUAGE: Chinese

AB The production method of lotus root vinegar was introduced. The cultivation of correlative microorganism and the phys., sense criterion were also discussed. The lotus root vinegar was prepared in the presence of Aspergillus niger 2 and yeast 6.

L11 ANSWER 9 OF 26 CAPLUS COPYRIGHT 2006 ACS on STN

ACCESSION NUMBER: 2002:849901 CAPLUS
 DOCUMENT NUMBER: 137:351937
 TITLE: Enantioselective oligomerization of α -hydroxy carboxylic acids and α -amino acids, especially for rumen bypass and delayed digestion
 INVENTOR(S): Lorbert, Stephen J.; Nam, Paul K. S.; Forciniti, Daniel; Rajesh, Mathur P.; Kapila, Shubhender
 PATENT ASSIGNEE(S): Novus International, Inc., USA; Schasteen, Charles, S.

SOURCE: PCT Int. Appl., 148 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 3
PATENT INFORMATION:

| PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|---|------|----------|-----------------|----------|
| WO 2002088667 | A2 | 20021107 | WO 2002-US13708 | 20020502 |
| WO 2002088667 | A3 | 20030703 | | |
| W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZM, ZW | | | | |
| RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG | | | | |

PRIORITY APPLN. INFO.: US 2001-288196P P 20010502

OTHER SOURCE(S): MARPAT 137:351937

AB An enzymic synthesis and composition of oligomers and co-oligomers comprised of α -hydroxy carboxylic acids and α -amino acids or peptides is disclosed. In a preferred embodiment, an α -hydroxy carboxylic acid with a specific chiral configuration is linked by an amide linkage to an α -amino acid with a specific chiral configuration or linked by an amide linkage to a peptide made up of α -amino acid monomers having identical chiral configurations. Proteolytic enzymes catalyze oligomerization of the α -hydroxy carboxylic acid and α -amino acid. The degree and distribution of oligomerization varies upon the type and concns. of different reaction mixts. utilized and upon the length of allowed reaction time. The resultant oligomers may be provided to animals such as ruminants as bioavailable amino acid supplements that are resistant to degradation in the rumen and other animals such as swine, poultry and aquatic animals.

L11 ANSWER 10 OF 26 CAPLUS COPYRIGHT 2006 ACS on STN

ACCESSION NUMBER: 2002:539496 CAPLUS

DOCUMENT NUMBER: 137:114228

TITLE: Cosmetic and/or dermatological acid composition containing an amphiphilic polymer

INVENTOR(S): Lorant, Raluca; Lennon, Paula

PATENT ASSIGNEE(S): L'Oreal, Fr.

SOURCE: PCT Int. Appl., 47 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent
LANGUAGE: French

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

| PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|---|------|----------|-----------------|----------|
| WO 2002055039 | A1 | 20020718 | WO 2002-FR47 | 20020108 |
| W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM | | | | |
| RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG | | | | |

| | | | | |
|------------------------|----|----------|----------------|------------|
| FR 2819175 | A1 | 20020712 | FR 2001-336 | 20010111 |
| FR 2819175 | B1 | 20030221 | | |
| US 2003108577 | A1 | 20030612 | US 2002-181412 | 20020723 |
| PRIORITY APPLN. INFO.: | | | FR 2001-336 | A 20010111 |
| | | | WO 2002-FR47 | W 20020108 |

AB The invention relates to a cosmetic and/or dermatol. composition containing an acid

aqueous medium and at least one amphiphilic polymer comprising at least one monomer having ethylenic unsatn. with a sulfonic group, in free form or partially or totally neutralized, and comprising at least one hydrophobic part. The invention also relates to a use for said composition involving the cosmetic treatment of and/or application of make-up to keratinous matter, in particular the skin, hair and mucous membranes of the skin. The invention also relates to the use of an amphiphilic polymer comprising at least one monomer having ethylenic unsatn. with a sulfonic group, in free form or partially or totally neutralized, and comprising at least one hydrophobic part, in order to stabilize a cosmetic or dermatol. composition containing at least one acid active ingredient and/or having a pH less than or equal to 5. A polymer was obtained by polymerization of Genapol T-250 methacrylate 10, 2-acrylamido-2-methylpropane sulfonic acid neutralized by ammonia 90, trimethylol propane triacrylate 1.8, dilauryl peroxide 1, and tert-butanol 300 g. An cosmetic cream contained above polymer 2, mineral oil 5, cyclohexasiloxane 5, a mixture of fruit acids 1, triethanolamine q.s. pH = 3.5, preservatives, and water q.s. 100 g.

REFERENCE COUNT: 13 THERE ARE 13 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L11 ANSWER 11 OF 26 CAPLUS COPYRIGHT 2006 ACS on STN
 ACCESSION NUMBER: 2002:315203 CAPLUS
 DOCUMENT NUMBER: 136:324567
 TITLE: Integrated wine quality sensor
 INVENTOR(S): Trauner, Kenneth B.; Weber, Paul J.; Rubenchik, Alexander M.; Da Silva, Luiz B.

PATENT ASSIGNEE(S): USA
 SOURCE: PCT Int. Appl., 30 pp.
 CODEN: PIXXD2

DOCUMENT TYPE: Patent
 LANGUAGE: English

FAMILY ACC. NUM. COUNT: 2

PATENT INFORMATION:

| PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|--|------|----------|-----------------|------------|
| WO 2002033404 | A2 | 20020425 | WO 2001-US32547 | 20011018 |
| WO 2002033404 | A3 | 20030807 | | |
| W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, UZ, VN, YU, ZA, ZW | | | | |
| RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG | | | | |
| AU 2002011799 | A5 | 20020429 | AU 2002-11799 | 20011018 |
| PRIORITY APPLN. INFO.: | | | US 2000-693084 | A 20001019 |
| | | | WO 2001-US32547 | W 20011018 |

AB A device is described that can be easily used to evaluate the condition and state of wine while still in the bottle. The device consists of a hand-held device that connects to a sensor package on the wine bottle. Optical and/or electrochem. measurements are used to measure specific properties important to the taste and quality of the wine.

L11 ANSWER 12 OF 26 CAPLUS COPYRIGHT 2006 ACS on STN

ACCESSION NUMBER: 2002:654969 CAPLUS
 DOCUMENT NUMBER: 137:190743
 TITLE: Hydrophilic polymer blends used for dry cow therapy
 INVENTOR(S): Ehrhard, Joseph; Eknoian, Michael; Vinci, Alfredo
 PATENT ASSIGNEE(S): Hydromer, Inc., USA
 SOURCE: U.S., 6 pp., Cont.-in-part of U. S. 6,203,812.
 CODEN: USXXAM
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 4
 PATENT INFORMATION:

| PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|---|------|----------|------------------|----------|
| US 6440442 | B1 | 20020827 | US 2000-706677 | 20001106 |
| US 6203812 | B1 | 20010320 | US 1998-106680 | 19980629 |
| US 6395289 | B1 | 20020528 | US 2000-557716 | 20000425 |
| CA 2427520 | AA | 20020510 | CA 2001-2427520 | 20011018 |
| WO 2002035931 | A1 | 20020510 | WO 2001-US32536 | 20011018 |
| W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM | | | | |
| RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG | | | | |
| AU 2002011797 | A5 | 20020515 | AU 2002-11797 | 20011018 |
| EP 1339282 | A1 | 20030903 | EP 2001-979876 | 20011018 |
| R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR | | | | |
| BR 2001015169 | A | 20031014 | BR 2001-15169 | 20011018 |
| MD 20030143 | A | 20031031 | MD 2003-20030143 | 20011018 |
| MD 2691 | F2 | 20050228 | | |
| NO 2003002004 | A | 20030704 | NO 2003-2004 | 20030505 |
| ZA 2003003937 | A | 20040823 | ZA 2003-3937 | 20030521 |
| PRIORITY APPLN. INFO.: | | | | |
| US 1998-106680 A2 19980629 US 2000-557716 A2 20000425 US 2000-706677 A 20001106 WO 2001-US32536 W 20011018 | | | | |

AB A mammalian teat dip composition capable of being used during a mammal's dry period comprises a solution of a film-forming polymer blend containing (i) a first polymer component which is an organic, solvent-soluble, preformed, thermoplastic polyurethane having no reactive isocyanate groups and (ii) a second polymer component which is a hydrophilic poly(N-vinyl lactam). The blend is capable of withstanding exposure to water without significant loss of hydrophilic poly(N-vinyl lactam) in an amount sufficient to form a water-resistant film upon topical application to mammalian skin. The blend comprises about 10-80% (by weight) of the first polymer in combination with solvent and about 1-20% (by weight) of the second polymer, and at least one antimicrobial agent in an amount sufficient to treat and protect mammalian skin from infection. The composition is capable of being removed by peeling. For example, a composition can be prepared by adding 10 g of polyvinylpyrrolidone K 90 to a 70 g solution of ethanol and aliphatic polyurethane with about 31% solids. Once dissolved, approx. 1.5 g of silica powder (Carb-O-Sil), a silane-treated silica, was dispersed in the solution with a high shear mixer. Next 0.2 g of triclosan and 0.5 g of Food grade Blue dye was dissolved into the solution. The solution was then brought to

100% with the addition of 18.1 g of ethanol.

REFERENCE COUNT: 20 THERE ARE 20 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

ACCESSION NUMBER: 2001:380372 CAPLUS
 DOCUMENT NUMBER: 135:10064
 TITLE: Biodegradable polymer composition
 INVENTOR(S): Dunn, Richard; English, James
 PATENT ASSIGNEE(S): Atrix Laboratories, Inc., USA
 SOURCE: PCT Int. Appl., 43 pp.
 CODEN: PIXXD2
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

| PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|---|------|----------|-----------------|----------|
| WO 2001035929 | A2 | 20010525 | WO 2000-US42209 | 20001116 |
| WO 2001035929 | A3 | 20011213 | | |
| W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, UZ, VN, YU, ZA, ZW | | | | |
| RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG | | | | |
| US 6461631 | B1 | 20021008 | US 1999-442203 | 19991116 |
| CA 2394672 | AA | 20010525 | CA 2000-2394672 | 20001116 |
| JP 2003514006 | T2 | 20030415 | JP 2001-537922 | 20001116 |
| EP 1404294 | A2 | 20040407 | EP 2000-991743 | 20001116 |
| EP 1404294 | B1 | 20050202 | | |
| R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR | | | | |
| AT 288258 | E | 20050215 | AT 2000-991743 | 20001116 |
| AU 782265 | B2 | 20050714 | AU 2001-34394 | 20001116 |
| ES 2240236 | T3 | 20051016 | ES 2000-991743 | 20001116 |
| US 2002090398 | A1 | 20020711 | US 2002-47483 | 20020114 |
| US 6528080 | B2 | 20030304 | | |

PRIORITY APPLN. INFO.: US 1999-442203 A 19991116
 WO 2000-US42209 W 20001116

AB A flowable composition containing a biocompatible, biodegradable, branched thermoplastic polymer is used to form solid matrixes such as implants and controlled-release pharmaceutical compns. in a body. The flowable composition with or without bioactive agent can be administered by syringe and needle to form in situ a solid matrix. Alternatively, the flowable composition can be used to form ex vivo solid biodegradable matrixes such as articles, implants and devices. The articles and implants can then be used as solid fasteners, prosthetic devices, and controlled release compns. A polyester was obtained by the reaction of DL-lactide with a polyol, e.g., ethylene glycol, trimethylolpropane in the presence of stannous octoate. The resulting polyester was characterized and subjected to biodegrdn. studies. The controlled release of doxycycline from polymer implants was determined

L11 ANSWER 14 OF 26 CAPLUS COPYRIGHT 2006 ACS on STN
 ACCESSION NUMBER: 2001:31287 CAPLUS
 DOCUMENT NUMBER: 134:105670
 TITLE: Pharmaceutical and cosmetic compositions containing oligosaccharide aldonic acids and their topical use
 INVENTOR(S): Yu, Ruey J.; Van Scott, Eugene J.
 PATENT ASSIGNEE(S): USA
 SOURCE: PCT Int. Appl., 86 pp.
 CODEN: PIXXD2
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

| PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|---|--|----------|-----------------|-------------|
| WO 2001001932 | A2 | 20010111 | WO 2000-US16301 | 20000628 |
| WO 2001001932 | A3 | 20010517 | | |
| W: AE, AG, AL, AM, AT, AU, AZ, CR, CU, CZ, DE, DK, DM, DZ, HU, ID, IL, IN, IS, JP, KE, LU, LV, MA, MD, MG, MK, MN, SD, SE, SG, SI, SK, SL, TJ, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM | BA, BB, BG, BR, BY, BZ, CA, CH, CN, EE, ES, FI, GB, GD, GE, GH, GM, HR, KG, KP, KR, KZ, LC, LK, LR, LS, LT, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, TM, TR, TT, TZ, UA, UG, US, UZ, VN, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG | | | |
| RW: GH, GM, KE, LS, MW, MZ, SD, DE, DK, ES, FI, FR, GB, GR, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG | | | | |
| US 6335023 | B1 | 20020101 | US 2000-487228 | 20000119 |
| CA 2373852 | AA | 20010111 | CA 2000-2373852 | 20000628 |
| BR 2000011640 | A | 20020514 | BR 2000-11640 | 20000628 |
| EP 1227820 | A2 | 20020807 | EP 2000-950220 | 20000628 |
| R: AT, BE, CH, DE, DK, ES, FR, IE, SI, LT, LV, FI, RO, MK, | GB, GR, IT, LI, LU, NL, SE, MC, PT, CY, AL | | | |
| JP 2003503436 | T2 | 20030128 | JP 2001-507430 | 20000628 |
| AU 775620 | B2 | 20040805 | AU 2000-63353 | 20000628 |
| US 2002028227 | A1 | 20020307 | US 2001-987023 | 20011113 |
| US 6740327 | B2 | 20040525 | | |
| US 2004180854 | A1 | 20040916 | US 2004-811998 | 20040330 |
| JP 2005232180 | A2 | 20050902 | JP 2005-74658 | 20050316 |
| PRIORITY APPLN. INFO.: | | | US 1999-141264P | P 19990630 |
| | | | US 2000-487228 | A 20000119 |
| | | | JP 2001-507430 | A3 20000628 |
| | | | WO 2000-US16301 | W 20000628 |
| | | | US 2001-987023 | A1 20011113 |

OTHER SOURCE(S): MARPAT 134:105670

AB Compns. comprising oligosaccharide aldonic acids are useful for general care, as well as for treatment and prevention, of various cosmetic conditions and dermatol. disorders, including those associated with intrinsic and/or extrinsic aging, as well as with changes or damage caused by extrinsic factors; general care, as well as treatment and prevention of diseases and conditions, of the oral, and vaginal mucosa; for general oral care, as well as treatment and prevention of oral and gum diseases; and for wound healing of the skin. Compns. comprising oligosaccharide aldonic acids may further comprise a cosmetic, pharmaceutical or other topical agent to enhance or create synergistic effects. A cream was prepared by mixing 50 g of 50% maltobionic acid with 50 g oil-in-water base, pH = 1.7. Efficacy of topical maltobionic acid in treatment of dry skin is reported.

L11 ANSWER 15 OF 26 CAPIPLUS COPYRIGHT 2006 ACS on STN
 ACCESSION NUMBER: 2001:28564 CAPIPLUS
 DOCUMENT NUMBER: 134:105605
 TITLE: Antidandruff hair compositions containing pyridinethione salts, surfactants, and hydroxy-acids
 INVENTOR(S): Maurin, Veronique; Beauquey, Bernard
 PATENT ASSIGNEE(S): L'oreal, Fr.
 SOURCE: Eur. Pat. Appl., 11 pp.
 CODEN: EPXXDW
 DOCUMENT TYPE: Patent
 LANGUAGE: French
 FAMILY ACC. NUM. COUNT: 2
 PATENT INFORMATION:

| PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|---|------|----------|-----------------|----------|
| EP 1066822 | A1 | 20010110 | EP 2000-401549 | 20000531 |
| EP 1066822 | B1 | 20041006 | | |
| R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO | | | | |

| | | | | |
|--|----|----------|----------------|-------------|
| FR 2795952 | A1 | 20010112 | FR 1999-8877 | 19990708 |
| FR 2795952 | B1 | 20030530 | | |
| EP 1437121 | A1 | 20040714 | EP 2004-290757 | 20000531 |
| R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, FI, CY | | | | |
| AT 278376 | E | 20041015 | AT 2000-401549 | 20000531 |
| ES 2230037 | T3 | 20050501 | ES 2000-401549 | 20000531 |
| JP 2001048759 | A2 | 20010220 | JP 2000-207574 | 20000707 |
| US 6538011 | B1 | 20030325 | US 2000-612922 | 20000710 |
| US 2003077239 | A1 | 20030424 | US 2002-201934 | 20020725 |
| PRIORITY APPLN. INFO.: | | | | |
| | | | FR 1999-8877 | A 19990708 |
| | | | EP 2000-401549 | A3 20000531 |
| | | | US 2000-612922 | A1 20000710 |

AB Antidandruff hair compns. containing pyridinethione salts, alkylpolyglycoside-type amphoteric and nonionic surfactants, and hydroxy-acids are claimed. A shampoo contained sodium lauryl ether sulfate 12.6, sodium N-cocoylamidoethyl-N-ethoxycarboxymethyl glycinate (Miranol C2M) 0.76, cocoyl betaine 1.2, zinc pyrithione 0.96, citric acid 3, JR-400 0.25, ethylene glycol 2, polyacrylic acid 0.3, preservatives, perfume q.s., and water q.s. 100 g, pH = 5.5.

REFERENCE COUNT: 4 THERE ARE 4 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L11 ANSWER 16 OF 26 CAPLUS COPYRIGHT 2006 ACS on STN

ACCESSION NUMBER: 2000:553397 CAPLUS

DOCUMENT NUMBER: 133:168375

TITLE: Method of manufacture for transdermal matrixes

INVENTOR(S): Audett, Jay D.; Destroyer, Georges D.

PATENT ASSIGNEE(S): Ortho-McNeil Pharmaceutical, Inc., USA

SOURCE: PCT Int. Appl., 38 pp.

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 2

PATENT INFORMATION:

| PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|---|------|----------|-----------------|----------|
| WO 2000045797 | A1 | 20000810 | WO 2000-US2491 | 20000201 |
| W: AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, FI, GB, GE, GH, GM, HR, HU, IL, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM RW: GH, GM, KE, LS, MW, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG | | | | |

PRIORITY APPLN. INFO.: US 1999-241662 A 19990202

AB Disclosed is a method of manufacture for the production of transdermal drug delivery matrixes and devices, transdermal sampling devices, and dermal conditioning devices. A polymer and an active agent are mixed and heated in a multiple-lobed compounder to produce a polymer mixture. The polymer mixture is extruded and then at least a portion of the extrudate is formed into, for example, the transdermal drug delivery matrix, or incorporated into the transdermal drug delivery device. These alternative methods for preparing transdermal matrixes have several advantages over the current methods of manufacture. The matrix components, particularly the active agent, are not exposed to extremes in solvent or temperature for extended periods of time during the manufacture process. The transdermal matrixes prepared by

these

methods perform better in transdermal devices and show greater flux of active agent. As a result of the improved performance, less active agent may be utilized during the manufacturing process, and smaller or thinner transdermal matrixes may be produced for incorporation into the corresponding transdermal device. An olanzapine transdermal matrix was

prepared using a twin screw extruder as follows; HMW polyisobutylene (Vistanex L80) was blended with LMW polyisobutylene, silica gel powder, and PVP. Sep., olanzapine and lauryl lactate were processed and blended with the polymeric mixts. The resulting mixture was extruded through a sheet die and coated between a release liner and backing material. A second layer of the same extrudate was coated between a second release liner and a polyester nonwoven porous supporting layer. The release liner from the first coating pass was removed and the exposed extrudate was laminated to the nonwoven side of the second coating pass, sandwiching the porous supporting layer between the two extrudates. The rolls of laminate were converted to transdermal devices of the desired size.

REFERENCE COUNT: 4 THERE ARE 4 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L11 ANSWER 17 OF 26 CAPLUS COPYRIGHT 2006 ACS on STM

ACCESSION NUMBER: 2000:190905 CAPLUS

DOCUMENT NUMBER: 132:241945

TITLE: Topical application products for nails

INVENTOR(S): Meyer, Hans; Wasmer, Hermann

PATENT ASSIGNEE(S): IPR-Institute for Pharmaceutical Research A.-G., Switz.

SOURCE: PCT Int. Appl., 24 pp.

CODEN: PIIXD2

DOCUMENT TYPE: Patent

LANGUAGE: German

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

| PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|---|------|----------|-----------------|------------|
| WO 2000015202 | A2 | 20000323 | WO 1999-CH409 | 19990903 |
| WO 2000015202 | A3 | 20010809 | | |
| W: AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM | | | | |
| RW: GH, GM, KE, LS, MW, SD, SL, SZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG | | | | |
| CA 2343284 | AA | 20000323 | CA 1999-2343284 | 19990903 |
| AU 9954043 | A1 | 20000403 | AU 1999-54043 | 19990903 |
| EP 1143950 | A2 | 20011017 | EP 1999-939884 | 19990903 |
| EP 1143950 | A3 | 20020515 | | |
| EP 1143950 | B1 | 20050309 | | |
| R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO | | | | |
| JP 2002524495 | T2 | 20020806 | JP 2000-569786 | 19990903 |
| AT 290401 | E | 20050315 | AT 1999-939884 | 19990903 |
| US 6740326 | B1 | 20040525 | US 2001-786928 | 20010619 |
| PRIORITY APPLN. INFO.: | | | EP 1998-117114 | A 19980910 |
| | | | EP 1999-104466 | A 19990305 |
| | | | WO 1999-CH409 | W 19990903 |

AB Water-free topical application products for the treatment of nail diseases and nail care contain ≥ 1 C1-4-alkyl ester of lactic acid, malic acid, tartaric acid, or citric acid as carriers in addition to ≥ 1 active substance and optionally physiol. compatible adjuvants. These esters promote the permeation of active substances (e.g. antimycotics) through the nail to the nail bed and root. These products are also suitable for the treatment of mycotic infections of the hooves, paws, and claws of pets and domestic animals in veterinary medicine. Thus, a homogeneous solution contained urea 2.0, clotrimazole 1.0 g, and Et lactate to 100.0 mL.

L11 ANSWER 18 OF 26 CAPLUS COPYRIGHT 2006 ACS on STN
 ACCESSION NUMBER: 1999:325880 CAPLUS
 DOCUMENT NUMBER: 130:342458
 TITLE: Polyacetate release compounds and methods for using same
 INVENTOR(S): Koenigsberg, Stephen S.; Farone, William A.; Palmer, Tracy
 PATENT ASSIGNEE(S): Regenesis Bioremediation Products, Inc., USA
 SOURCE: PCT Int. Appl., 51 pp.
 CODEN: PIXXD2
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

| PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|---|------|----------|------------------|-------------|
| WO 9924367 | A1 | 19990520 | WO 1998-US24082 | 19981112 |
| W: AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, UZ, VN, YU, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM | | | | |
| RW: GH, GM, KE, LS, MW, SD, SZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG | | | | |
| CA 2309842 | AA | 19990520 | CA 1998-2309842 | 19981112 |
| AU 9915839 | A1 | 19990531 | AU 1999-15839 | 19981112 |
| AU 745457 | B2 | 20020321 | | |
| JP 2000511969 | T2 | 20000912 | JP 1999-527112 | 19981112 |
| JP 3239899 | B2 | 20011217 | | |
| EP 1044168 | A1 | 20001018 | EP 1998-960177 | 19981112 |
| EP 1044168 | B1 | 20030827 | | |
| R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, NL, SE, PT, IE | | | | |
| US 6420594 | B1 | 20020716 | US 1998-190630 | 19981112 |
| AT 248130 | E | 20030915 | AT 1998-960177 | 19981112 |
| TW 492986 | B | 20020701 | TW 1998-87118821 | 19981126 |
| US 2002061584 | A1 | 20020523 | US 2001-5250 | 20011107 |
| US 6639098 | B2 | 20031028 | | |
| US 2005038292 | A1 | 20050217 | US 2003-652730 | 20030829 |
| PRIORITY APPLN. INFO.: | | | US 1997-65513P | P 19971112 |
| | | | US 1998-190630 | A3 19981112 |
| | | | WO 1998-US24082 | W 19981112 |
| | | | US 2001-5250 | A1 20011107 |

OTHER SOURCE(S): MARPAT 130:342458
 AB The invention provides for a family of novel compns. to serve as substrates that release hydroxy acid slowly over time. Preferably the hydroxy acid is an α -hydroxy acid, more preferably it is lactic acid. The compns. are preferably made by reaction of poly(lactic acid) with multifunctional alcs. Also disclosed are formulations based on the compds. and methods of use for both the compns. and the formulations. The preferred use of the compns. and formulations of the present invention is for bioremediation purposes wherein they provide a time-release source of lactic acid to support the growth and reductive activity of microbes present in a system or medium, such as an aquifer, bioreactor, soil, industrial process, wastewater stream, body of water, river or well. The microbes destroy or inactivate compds. which are capable of being reduced, such as organic N compds., polyarom. hydrocarbons, and halohydrocarbons.
 REFERENCE COUNT: 4 THERE ARE 4 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L11 ANSWER 19 OF 26 CAPLUS COPYRIGHT 2006 ACS on STN
 ACCESSION NUMBER: 1999:249029 CAPLUS
 DOCUMENT NUMBER: 130:286821
 TITLE: Stable cosmetic water-in-oil-in-water emulsion

INVENTOR(S): containing carboxylic acid polymers and crosslinked poly(acrylamidomethylpropane sulfonic acid)
 Afriat, Isabelle; Chanvin, Florence; Guiramand, Carole
 PATENT ASSIGNEE(S): L'Oreal, Fr.
 SOURCE: Eur. Pat. Appl., 17 pp.
 CODEN: EPXXDW
 DOCUMENT TYPE: Patent
 LANGUAGE: French
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

| PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|---|------|----------|-----------------|----------|
| EP 908170 | A1 | 19990414 | EP 1998-402250 | 19980911 |
| EP 908170 | B1 | 20000531 | | |
| R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO | | | | |
| FR 2769224 | A1 | 19990409 | FR 1997-12364 | 19971003 |
| FR 2769224 | B1 | 20000128 | | |
| AT 193437 | E | 20000615 | AT 1998-402250 | 19980911 |
| ES 2149039 | T3 | 20001016 | ES 1998-402250 | 19980911 |
| CA 2246583 | AA | 19990403 | CA 1998-2246583 | 19981002 |
| CA 2246583 | C | 20050426 | | |
| JP 11180824 | A2 | 19990706 | JP 1998-281760 | 19981002 |
| JP 3011696 | B2 | 20000221 | | |
| BR 9804154 | A | 20000328 | BR 1998-4154 | 19981002 |
| US 6149900 | A | 20001121 | US 1998-166125 | 19981005 |

PRIORITY APPLN. INFO.: FR 1997-12364 A 19971003
 AB The title cosmetic emulsion which are used for cleansing or protection of skin, mucosa and hair are disclosed. Poly(2-acrylamido-2-methylpropane sulfonic acid) was crosslinked with trimethylolpropane triacrylate and neutralized with ammonia. Formulation of a triple emulsion containing 2% of above polymer is disclosed.

REFERENCE COUNT: 4 THERE ARE 4 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L11 ANSWER 20 OF 26 CAPLUS COPYRIGHT 2006 ACS on STN
 ACCESSION NUMBER: 1998:766507 CAPLUS
 DOCUMENT NUMBER: 130:29221
 TITLE: Preparation of solid porous matrixes for pharmaceutical uses
 INVENTOR(S): Unger, Evan C.
 PATENT ASSIGNEE(S): ImaRx Pharmaceutical Corp., USA
 SOURCE: PCT Int. Appl., 139 pp.
 CODEN: PIXXD2
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 6
 PATENT INFORMATION:

| PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|--|------|----------|-----------------|------------|
| WO 9851282 | A1 | 19981119 | WO 1998-US9570 | 19980512 |
| W: AU, BR, CA, CN, JP, KR, NZ | | | | |
| RW: AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE | | | | |
| US 2002039594 | A1 | 20020404 | US 1998-75477 | 19980511 |
| AU 9873787 | A1 | 19981208 | AU 1998-73787 | 19980512 |
| EP 983060 | A1 | 20000308 | EP 1998-921109 | 19980512 |
| R: DE, FR, GB, IT, NL | | | | |
| US 2001018072 | A1 | 20010830 | US 2001-828762 | 20010409 |
| US 2004091541 | A1 | 20040513 | US 2003-622027 | 20030716 |
| PRIORITY APPLN. INFO.: | | | US 1997-46379P | P 19970513 |
| | | | US 1998-75477 | A 19980511 |
| | | | WO 1998-US9570 | W 19980512 |

AB A solid porous matrix formed from a surfactant, a solvent, and a bioactive agent is described. Thus, amphotericin nanoparticles were prepared by using ZrO₂ beads and a surfactant. The mixture was milled for 24 h.

REFERENCE COUNT: 1 THERE ARE 1 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L11 ANSWER 21 OF 26 CAPLUS COPYRIGHT 2006 ACS on STN

ACCESSION NUMBER: 1998:207280 CAPLUS

DOCUMENT NUMBER: 128:275101

TITLE: Gas and gaseous precursor filled microspheres as topical and subcutaneous delivery vehicles

INVENTOR(S): Unger, Evan C.; Matsunaga, Terry O.; Yellowhair, David

PATENT ASSIGNEE(S): Imarx Pharmaceutical Corp., USA

SOURCE: U.S., 40 pp., Cont.-in-part of U.S. Ser. No. 307,305.

CODEN: USXXAM

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 21

PATENT INFORMATION:

| PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|---|------|----------|-----------------|----------|
| US 5733572 | A | 19980331 | US 1994-346426 | 19941129 |
| US 5088499 | A | 19920218 | US 1990-569828 | 19900820 |
| WO 9109629 | A1 | 19910711 | WO 1990-US7500 | 19901219 |
| W: CA, JP | | | | |
| RW: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LU, NL, SE | | | | |
| JP 05502675 | T2 | 19930513 | JP 1991-503276 | 19901219 |
| JP 3309356 | B2 | 20020729 | | |
| AT 180170 | E | 19990615 | AT 1991-902857 | 19901219 |
| ES 2131051 | T3 | 19990716 | ES 1991-902857 | 19901219 |
| US 5228446 | A | 19930720 | US 1991-717084 | 19910618 |
| WO 9222247 | A1 | 19921223 | WO 1992-US2615 | 19920331 |
| W: AU, CA, JP | | | | |
| RW: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LU, MC, NL, SE | | | | |
| AU 9220020 | A1 | 19930112 | AU 1992-20020 | 19920331 |
| AU 667471 | B2 | 19960328 | | |
| JP 06508364 | T2 | 19940922 | JP 1993-500847 | 19920331 |
| JP 3456584 | B2 | 20031014 | | |
| EP 616508 | A1 | 19940928 | EP 1992-912456 | 19920331 |
| EP 616508 | B1 | 20010718 | | |
| EP 616508 | B2 | 20040929 | | |
| R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, MC, NL, SE | | | | |
| AT 203148 | E | 20010815 | AT 1992-912456 | 19920331 |
| ES 2159280 | T3 | 20011001 | ES 1992-912456 | 19920331 |
| US 5469854 | A | 19951128 | US 1993-76239 | 19930611 |
| US 5580575 | A | 19961203 | US 1993-76250 | 19930611 |
| US 5348016 | A | 19940920 | US 1993-88268 | 19930707 |
| US 5542935 | A | 19960806 | US 1993-160232 | 19931130 |
| US 5585112 | A | 19961217 | US 1993-159687 | 19931130 |
| US 5769080 | A | 19980623 | US 1994-199462 | 19940222 |
| WO 9428874 | A1 | 19941222 | WO 1994-US5633 | 19940519 |
| W: AU, CA, CN, JP | | | | |
| RW: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE | | | | |
| US 5773024 | A | 19980630 | US 1994-307305 | 19940916 |
| CA 2177713 | AA | 19950608 | CA 1994-2177713 | 19941130 |
| WO 9515118 | A1 | 19950608 | WO 1994-US13817 | 19941130 |
| W: AU, CA, CN, JP | | | | |
| RW: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE | | | | |
| EP 740528 | A1 | 19961106 | EP 1995-908414 | 19941130 |
| EP 740528 | B1 | 20030326 | | |
| R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LI, LU, MC, NL, PT, SE | | | | |
| JP 09506098 | T2 | 19970617 | JP 1995-515763 | 19941130 |
| AT 235228 | E | 20030415 | AT 1995-908414 | 19941130 |

| | | | | |
|------------|----|----------|----------------|----------|
| US 5571497 | A | 19961105 | US 1995-468056 | 19950606 |
| CN 1180310 | A | 19980429 | CN 1996-193069 | 19960327 |
| CN 1102045 | B | 20030226 | | |
| US 6001335 | A | 19991214 | US 1996-665719 | 19960618 |
| US 5935553 | A | 19990810 | US 1996-758179 | 19961125 |
| US 6743779 | B1 | 20040601 | US 1997-841169 | 19970429 |
| US 5985246 | A | 19991116 | US 1997-888426 | 19970708 |
| AU 9856271 | A1 | 19980507 | AU 1998-56271 | 19980224 |
| AU 713127 | B2 | 19991125 | | |
| AU 9888405 | A1 | 19981203 | AU 1998-88405 | 19981012 |
| AU 731072 | B2 | 20010322 | | |
| HK 1013625 | A1 | 20000420 | HK 1998-114978 | 19981223 |
| AU 9910043 | A1 | 19990304 | AU 1999-10043 | 19990104 |
| GR 3036877 | T3 | 20020131 | GR 2001-401740 | 20011011 |

PRIORITY APPLN. INFO.:

| | | |
|-----------------|----|----------|
| US 1989-455707 | B2 | 19891222 |
| US 1990-569828 | A2 | 19900820 |
| US 1991-716899 | B2 | 19910618 |
| US 1991-717084 | A2 | 19910618 |
| US 1993-76239 | A2 | 19930611 |
| US 1993-76250 | A2 | 19930611 |
| US 1993-159674 | B2 | 19931130 |
| US 1993-159687 | A2 | 19931130 |
| US 1993-160232 | A2 | 19931130 |
| US 1994-307305 | A2 | 19940916 |
| WO 1990-US7500 | W | 19901219 |
| US 1991-716793 | A | 19910618 |
| US 1991-750877 | A3 | 19910826 |
| US 1992-818069 | A3 | 19920108 |
| WO 1992-US2615 | A | 19920331 |
| US 1992-967974 | A3 | 19921027 |
| US 1993-17683 | A3 | 19930212 |
| US 1993-18112 | B3 | 19930217 |
| US 1993-85608 | A3 | 19930630 |
| US 1993-88268 | A3 | 19930707 |
| US 1993-163039 | A3 | 19931206 |
| US 1994-212553 | B2 | 19940311 |
| AU 1994-70416 | A3 | 19940519 |
| US 1994-346426 | A | 19941129 |
| AU 1995-21850 | A3 | 19941130 |
| WO 1994-US13817 | W | 19941130 |
| US 1995-395683 | A3 | 19950228 |
| US 1995-468056 | A3 | 19950606 |
| US 1995-471250 | A3 | 19950606 |
| US 1996-640554 | B2 | 19960501 |
| US 1996-665719 | A3 | 19960618 |
| US 1997-785661 | B2 | 19970117 |

AB Gas and gaseous precursor filled microspheres, and foams provide novel topical and s.c. delivery vehicles for various active ingredients, including drugs and cosmetics. Gas and gaseous precursor filled microcapsules were prepared from dipalmitoylphosphatidylcholine.

REFERENCE COUNT: 314 THERE ARE 314 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT.

L11 ANSWER 22 OF 26 CAPLUS COPYRIGHT 2006 ACS on STN

ACCESSION NUMBER: 1996:740260 CAPLUS

DOCUMENT NUMBER: 126:9479

TITLE: Environmentally friendly nontoxic water-soluble cleaning compositions for release of polymers from surfaces

INVENTOR(S): Sakata, Shigenobu

PATENT ASSIGNEE(S): Japan

SOURCE: Jpn. Kokai Tokkyo Koho, 3 pp.

CODEN: JKXXAF

DOCUMENT TYPE: Patent

LANGUAGE: Japanese

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

| PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|-------------|------|----------|-----------------|----------|
| JP 08239693 | A2 | 19960917 | JP 1995-81645 | 19950302 |

PRIORITY APPLN. INFO.: JP 1995-81645 19950302

AB The compns. comprise Na chondroitinsulfate (I), cyclodextrin (II), xanthan gum (III), xylan, xylose, Na pantothenate (IV), Na pyruvate (V), Na erythorbate (VI), 4-isopropyltropone (VII), H₂O, benzyl alc. (VIII), and iso-PrOH and optionally contain monosaccharides, polysaccharides, antioxidants, lactic acids, preservatives, bactericides, secondary alcs., higher alcs., amino alcs., and/or microorganisms. An aqueous solution containing 70% mixture of I ≤25, xylan 0.1-0.5, xylose 0.1-0.5, glucose 0.1-0.5, III 0.1-0.5, II 1-3, VII 0.01-0.05, IV 1-5, V 1-5, VI 1-5, 10% VIII, and 20% iso-PrOH exhibited good polymer release properties on contacting a polymer coating on a metal surface with the solution for 5-10 min at room temperature

L11 ANSWER 23 OF 26 CAPLUS COPYRIGHT 2006 ACS on STN

ACCESSION NUMBER: 1996:605251 CAPLUS

DOCUMENT NUMBER: 125:225171

TITLE: Cleaning liquid compositions with low COD and BOD values and their manufacture

INVENTOR(S): Sakata, Shigenobu

PATENT ASSIGNEE(S): Japan

SOURCE: Jpn. Kokai Tokkyo Koho, 3 pp.

CODEN: JKXXAF

DOCUMENT TYPE: Patent

LANGUAGE: Japanese

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

| PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|-------------|------|----------|-----------------|----------|
| JP 08176600 | A2 | 19960709 | JP 1994-340930 | 19941226 |

PRIORITY APPLN. INFO.: JP 1994-340930 19941226

AB The safe environmental-friendly compns. including no surfactants and used to replace halo solvents, etc., comprise Na chondroitin sulfate, monosaccharides such as cyclodextrin, antioxidants such as erythorbic acid, fermented lactic acid compds. such as Na pyruvate, polysaccharides such as xanthan gum, xylan, xylose, glucose, Na pantothenate, preservative-antibacteria agent such as 4-isopropyltropolone, pure water, and H₂O₂.

L11 ANSWER 24 OF 26 CAPLUS COPYRIGHT 2006 ACS on STN

ACCESSION NUMBER: 1993:610764 CAPLUS

DOCUMENT NUMBER: 119:210764

TITLE: Biodegradable film dressing containing thermoplastic polymers

INVENTOR(S): Tipton, Arthur J.; Fujita, Shawn M.; Dunn, Richard L.

PATENT ASSIGNEE(S): Atrix Laboratories, Inc., USA

SOURCE: Eur. Pat. Appl., 16 pp.

CODEN: EPXXDW

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 2

PATENT INFORMATION:

| PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|---|------|----------|-----------------|----------|
| EP 560014 | A1 | 19930915 | EP 1993-100358 | 19930113 |
| R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LI, LU, MC, NL, PT, SE | | | | |
| AU 9331174 | A1 | 19930916 | AU 1993-31174 | 19930114 |

JP 06007423
CA 2091552

A2 19940118
AA 19930913

JP 1993-46657
CA 1993-2091552
US 1992-849896

19930308
19930311
A 19920312

PRIORITY APPLN. INFO.:

AB The title film dressing comprises a thermoplastic polymer and an organic solvent. The film is formed by spraying the liquid composition onto a tissue site and contacting the liquid composition with an aqueous based fluid to coagulate

or solidify the film onto the human or animal tissue. The film can be used to protect and to promote healing of injured tissue and/or to deliver biol. active agents. A composition comprising of an equimol mixture of Na₂CO₃ and citric acid 5, N-Me pyrrolidone 60, and ϵ -caprolactone-dL-lactide copolymer 3.5% was placed s.c. on rabbits skin to form a thick film in situ. The film was left for 8 wks and then it was analyzed to see no polymer indicating complete biodegrdn.

L11 ANSWER 25 OF 26 CAPLUS COPYRIGHT 2006 ACS on STN

ACCESSION NUMBER: 1993:407654 CAPLUS

DOCUMENT NUMBER: 119:7654

TITLE: Effect of nutritional conditions on the ester-forming activity of yeast

AUTHOR(S): Garofolo, A.

CORPORATE SOURCE: SOP Velletri, Ist. Sper. Enol., Velletri, 00049, Italy

SOURCE: Rivista di Viticoltura e di Enologia (1992), 45(3), 41-58

CODEN: RVENAL; ISSN: 0370-7865

DOCUMENT TYPE: Journal

LANGUAGE: Italian

AB A study was made of the effects of metabolic activators (vitamins or yeast extract) and N on the formation of volatile compds. by wine yeasts in synthetic media and must. A deficit of N and vitamins in the synthetic medium caused marked decreases in the total esters and fatty acids formed by *Saccharomyces cerevisiae cerevisiae* and *S. cerevisiae uvarum*. Acetic acid formation by *S. cerevisiae cerevisiae* was very variable, whereas *S. cerevisiae uvarum* was very stable with respect to this character. Addition of vitamins to a synthetic medium shifted the peak in esterase activity (esterification of HOAc) towards the end of fermentation, especially in *S. cerevisiae cerevisiae*. The addition of metabolic

activators to natural musts may be counterproductive, especially in the case of *S. cerevisiae cerevisiae*, since a nutritional surplus may cause undesirable alterations in the metabolism of volatile compds. and HOAc.

L11 ANSWER 26 OF 26 CAPLUS COPYRIGHT 2006 ACS on STN

ACCESSION NUMBER: 1983:404378 CAPLUS

DOCUMENT NUMBER: 99:4378

TITLE: Powdered composition for milk products

INVENTOR(S): Trop, Moshe

PATENT ASSIGNEE(S): Ben Gurion University of the Negev, Research and Development Authority, Israel

SOURCE: Pat. Specif. (Aust.), 19 pp.

CODEN: ALXXAP

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

| PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|------------|------|----------|-----------------|----------|
| AU 526594 | B2 | 19830120 | AU 1979-46891 | 19790509 |

PRIORITY APPLN. INFO.: AU 1979-46891 19790509

AB A powdered composition suitable for mixing with milk to obtain an acidified milk

product comprises per L milk, 10-50 g of an acidogen and 2.5-20 g mild acid buffer. Optionally, the composition may be mixed with water and 90-240 g dry milk added to obtain a liquid acidified milk product. Thus, a dry

powder containing glucono- δ -lactone [90-80-2] (9 g) and Ca(HPO₄)₂.H₂O (1.5 g), and instant dry milk (40 g) was mixed with 200 mL water for 2 min and, after standing for 30-60 min, a uniformly consistent nonfermented yogurt-like product was formed. The acidogen of the powdered product is slowly hydrolyzed, stimulating the gradual bacterial fermentation of lactose [123-62-6] without curdling the milk. The product is inexpensive, easy to store and carry, easy to use, acts quickly, is stable against bacterial spoilage, and does not destroy the vitamins and proteins of milk.

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Connection closed by remote host

L7 ANSWER 12 OF 19 CAPLUS COPYRIGHT 2006 ACS on STN
 ACCESSION NUMBER: 2000:531651 CAPLUS
 DOCUMENT NUMBER: 133:121778
 TITLE: Environmentally friendly solvent for coating removers
 and degreasing agents
 INVENTOR(S): Bergemann, Eugene P.; Opre, James E.; Henneberry, Mark
 PATENT ASSIGNEE(S): NTEC Versol, LLC, USA
 SOURCE: U.S., 8 pp.
 CODEN: USXXAM
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 3
 PATENT INFORMATION:

| PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|--|------|--|-----------------|----------|
| US 6096699 | A | 20000801 | US 1999-389575 | 19990903 |
| US 6284720 | B1 | 20010904 | US 2000-544756 | 20000404 |
| US 6191087 | B1 | 20010220 | US 2000-591390 | 20000605 |
| CA 2382600 | AA | 20010315 | CA 2000-2382600 | 20000901 |
| WO 2001018162 | A1 | 20010315 | WO 2000-US24239 | 20000901 |
| W: AE, AL, AU, BA, BB, BG, BR, CA, CN, CR, CU, CZ, DM, EE, GD, GE, HR, HU, ID, IL, IN, IS, JP, KP, KR, LC, LK, LR, LT, LV, MA, MG, MK, MN, MX, NO, NZ, PL, RO, SG, SI, SK, TR, TT, UA, UZ, VN, YU, ZA, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG | | | | |
| EP 1218474 | A1 | 20020703 | EP 2000-959840 | 20000901 |
| R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL | | | | |
| JP 2003519248 | T2 | 20030617 | JP 2001-522374 | 20000901 |
| ZA 2002001439 | A | 20030520 | ZA 2002-1439 | 20020220 |
| PRIORITY APPLN. INFO.: US 1999-389575 A2 19990903 US 2000-591390 A 20000605 WO 2000-US24239 W 20000901 | | | | |
| REFERENCE COUNT: | 9 | THERE ARE 9 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT | | |